

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
 Data File : VD069544.D
 Acq On : 23 Jun 2021 14:49
 Operator : VA/SY
 Sample : M2812-04
 Misc : 6.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 293-347

Quant Time: Jun 24 06:08:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

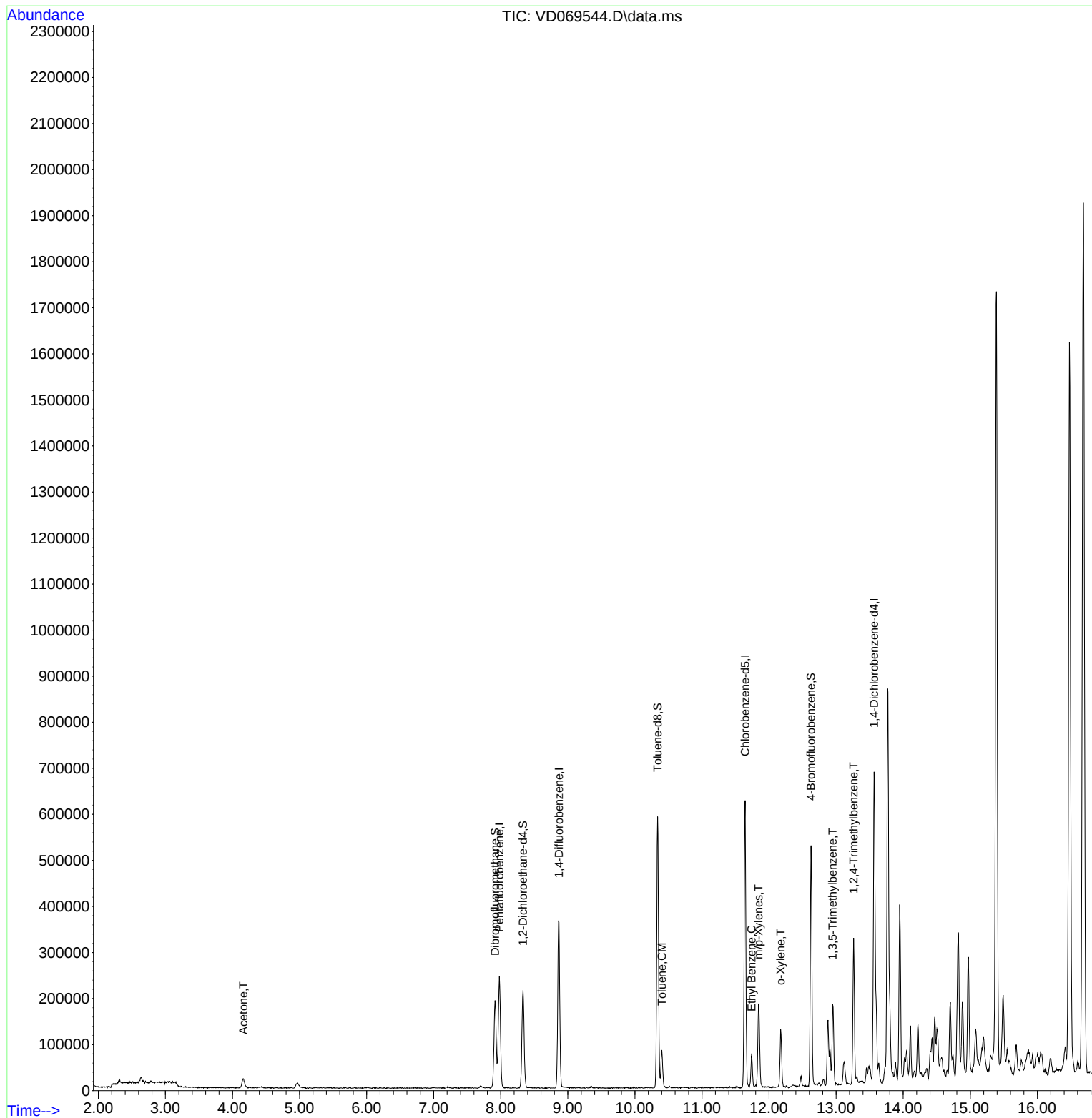
Internal Standards						
1) Pentafluorobenzene	7.979	168	162908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	306432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	358826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	178968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	171530	84.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.94%#
35) Dibromofluoromethane	7.914	113	137774	66.51	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.02%
50) Toluene-d8	10.337	98	413161	53.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.36%
62) 4-Bromofluorobenzene	12.626	95	170214	66.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.28%
Target Compounds						
						Qvalue
16) Acetone	4.161	43	33910	99.21	ug/l	96
52) Toluene	10.402	92	33745	6.31	ug/l	93
67) Ethyl Benzene	11.737	91	45429	3.64	ug/l	93
68) m/p-Xylenes	11.843	106	53848	11.47	ug/l	97
69) o-Xylene	12.173	106	31022	7.37	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	86149	8.30	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	173506	16.82	ug/l	99

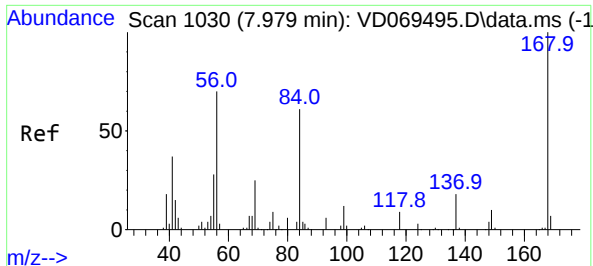
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
293-347

Quant Time: Jun 24 06:08:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 2021
Response via : Initial Calibration

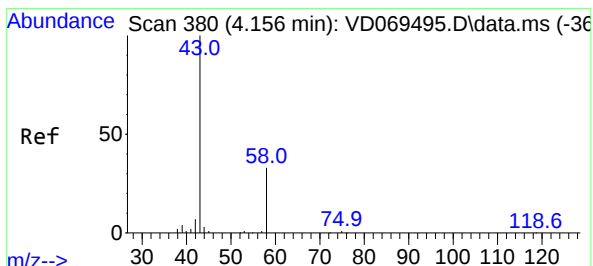
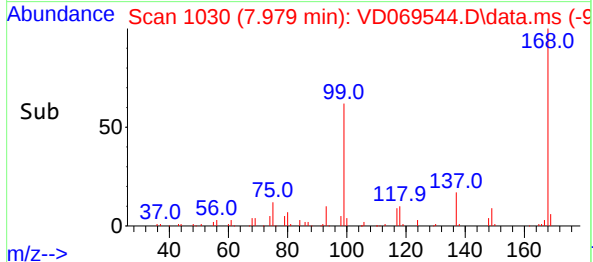
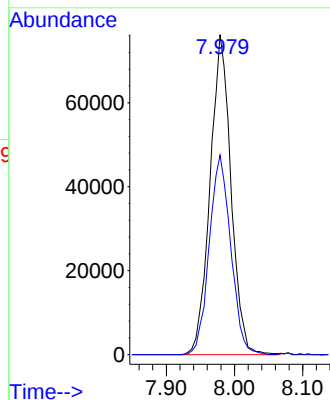
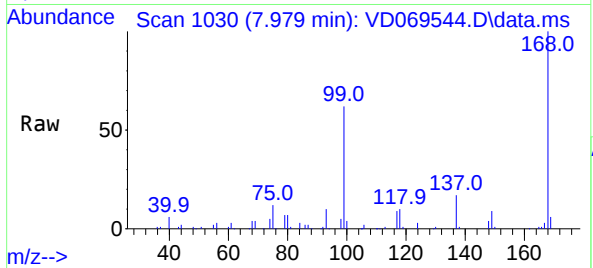




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

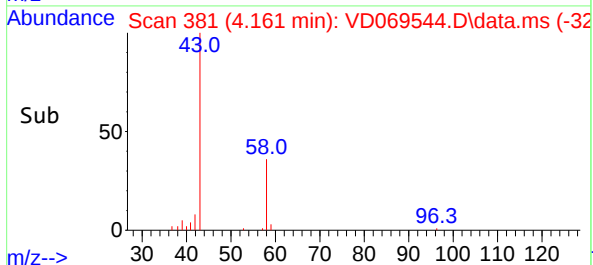
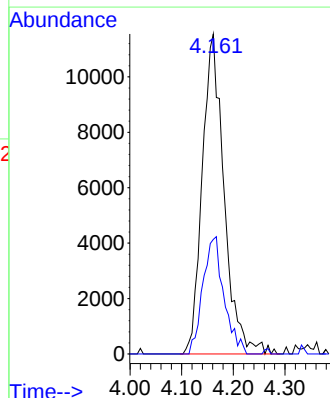
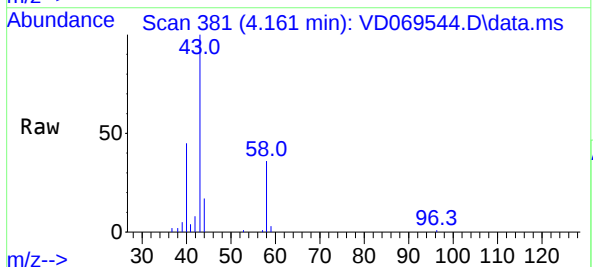
Instrument :
MSVOA_D
ClientSampleId :
293-347

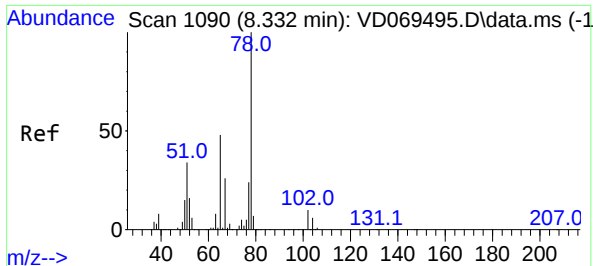
Tgt Ion:168 Resp: 162908
Ion Ratio Lower Upper
168 100
99 62.4 49.3 73.9



#16
Acetone
Concen: 99.21 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

Tgt Ion: 43 Resp: 33910
Ion Ratio Lower Upper
43 100
58 35.8 26.8 40.2

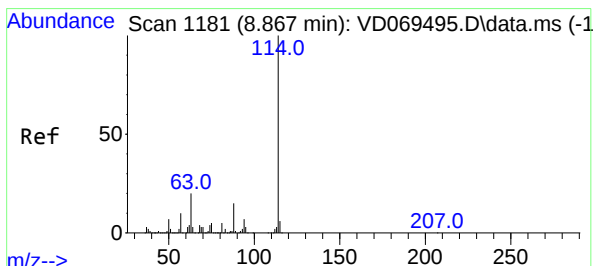
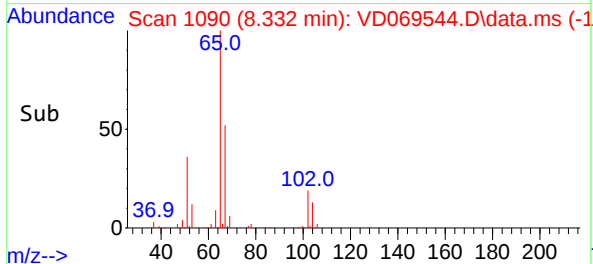
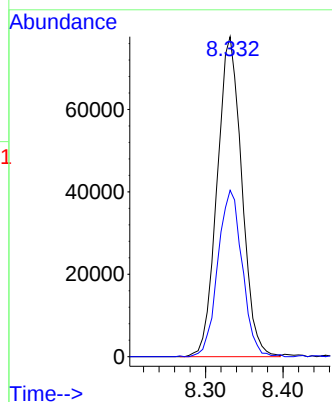
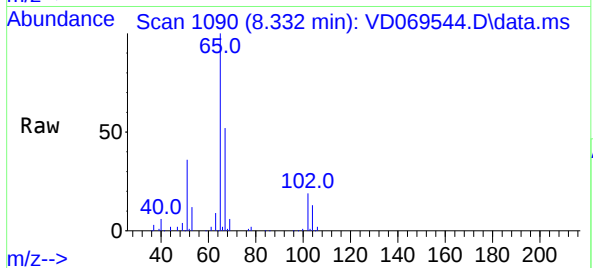




#33
1,2-Dichloroethane-d4
Concen: 84.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

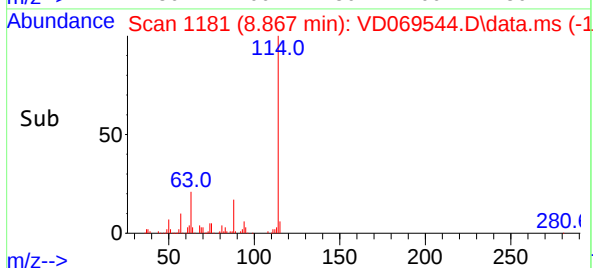
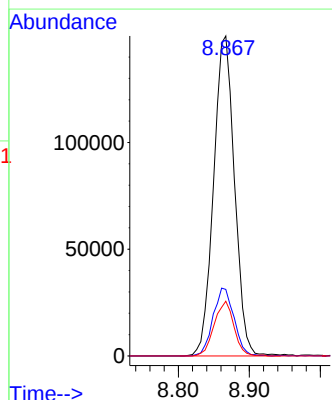
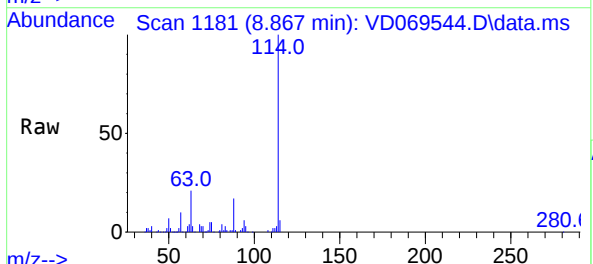
Instrument :
MSVOA_D
ClientSampleId :
293-347

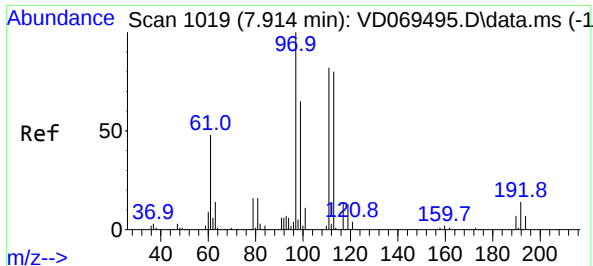
Tgt Ion: 65 Resp: 171530
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

Tgt Ion:114 Resp: 306432
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.6
88 17.1 0.0 29.8

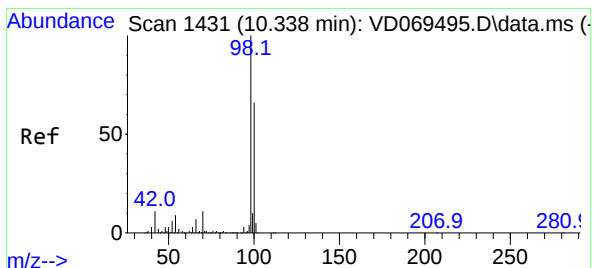
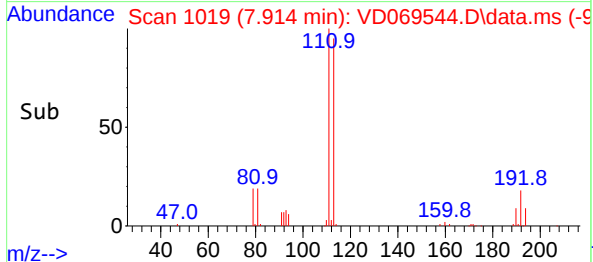
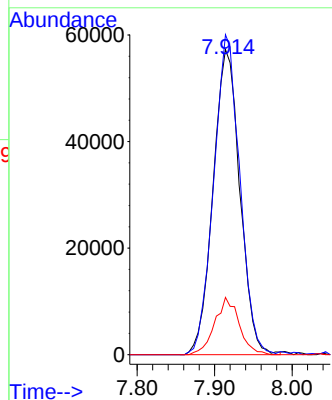
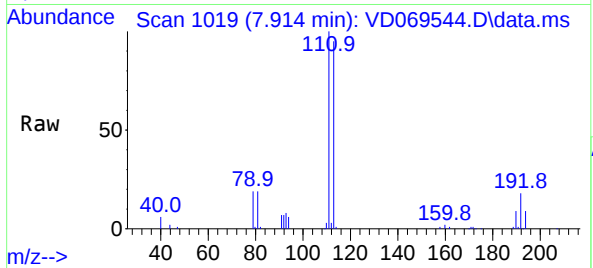




#35
Dibromofluoromethane
Concen: 66.51 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

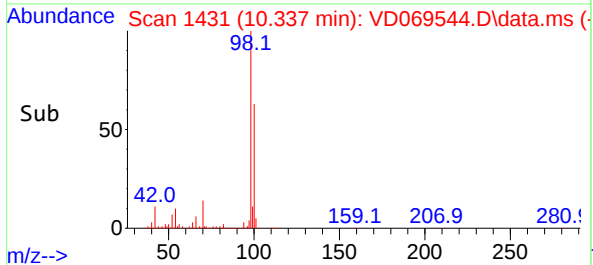
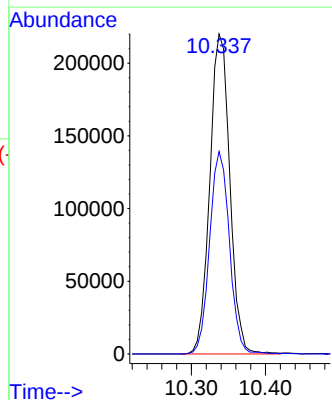
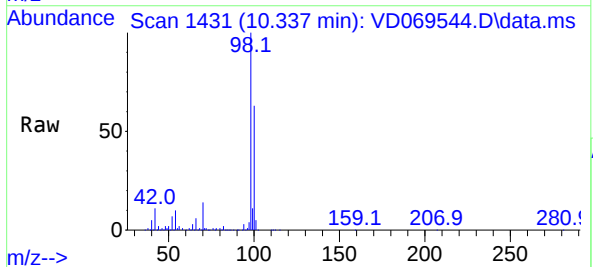
Instrument :
MSVOA_D
ClientSampleId :
293-347

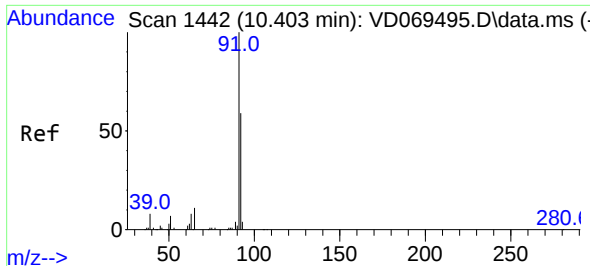
Tgt Ion:113 Resp: 137774
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 17.1 13.8 20.6



#50
Toluene-d8
Concen: 53.18 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

Tgt Ion: 98 Resp: 413161
Ion Ratio Lower Upper
98 100
100 62.6 52.3 78.5

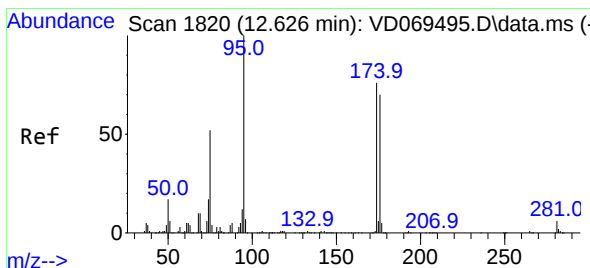
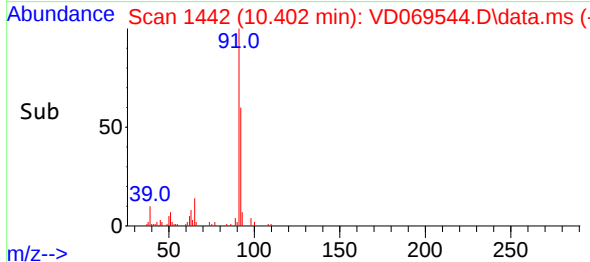
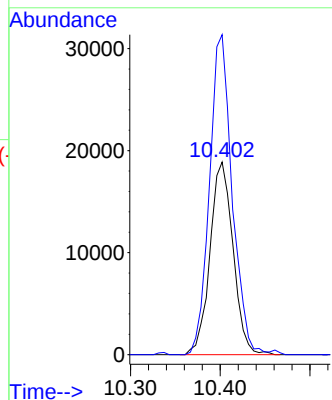
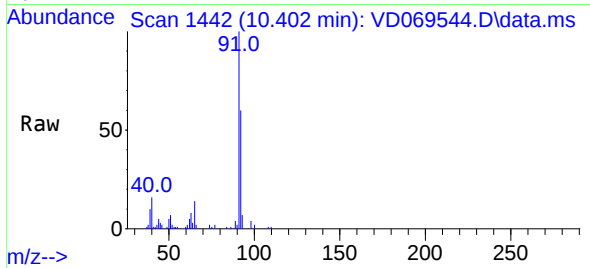




#52
Toluene
Concen: 6.31 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

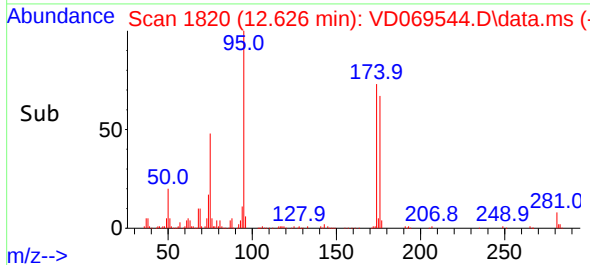
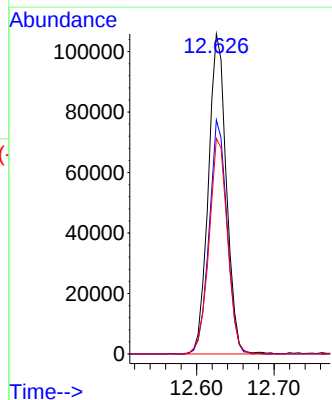
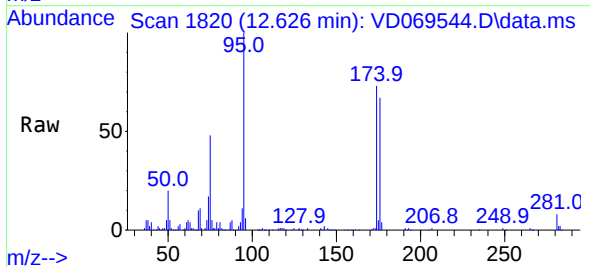
Instrument :
MSVOA_D
ClientSampleId :
293-347

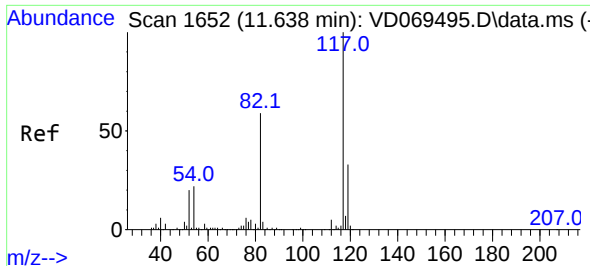
Tgt Ion: 92 Resp: 33745
Ion Ratio Lower Upper
92 100
91 163.9 138.9 208.3



#62
4-Bromofluorobenzene
Concen: 66.64 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

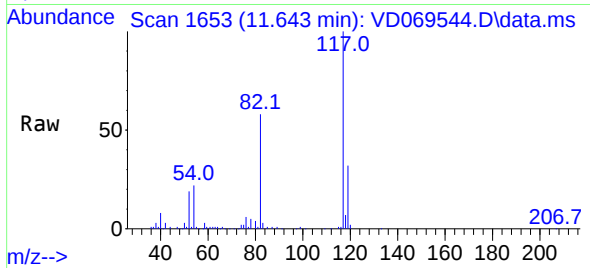
Tgt Ion: 95 Resp: 170214
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.0
176 68.7 0.0 139.8



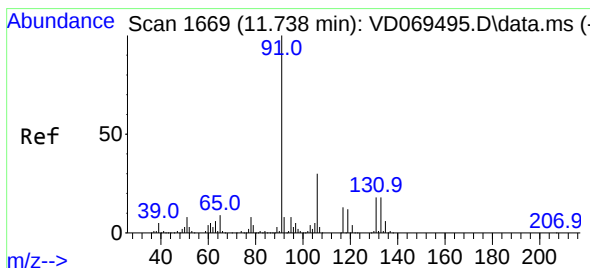
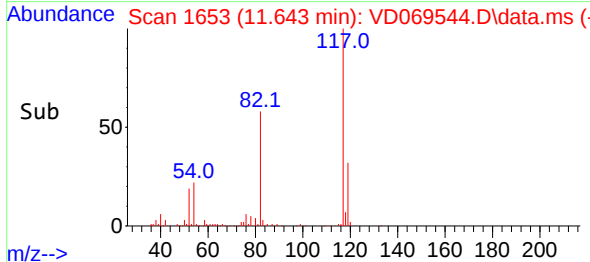
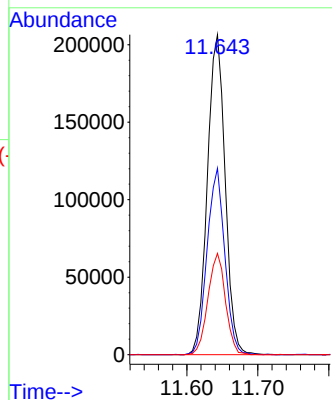


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.005 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
293-347

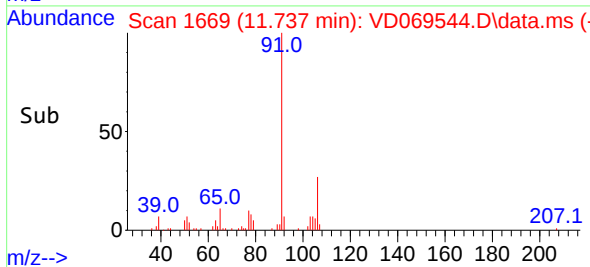
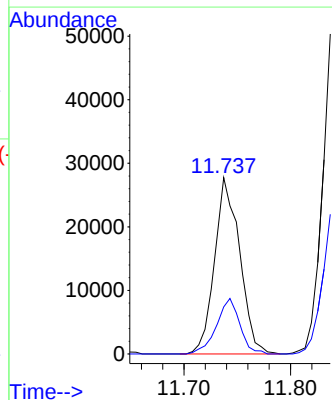
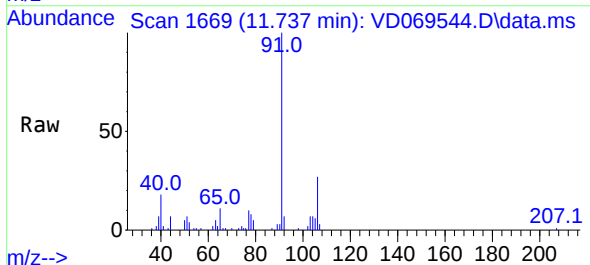


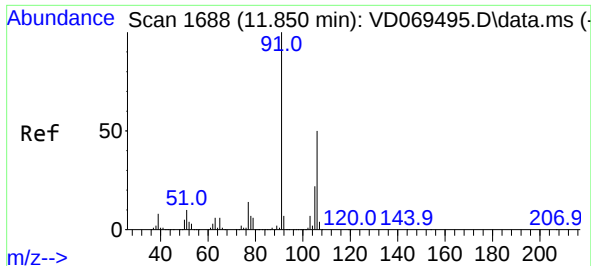
Tgt Ion:117 Resp: 358826
Ion Ratio Lower Upper
117 100
82 58.2 46.8 70.2
119 31.6 26.2 39.2



#67
Ethyl Benzene
Concen: 3.64 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

Tgt Ion: 91 Resp: 45429
Ion Ratio Lower Upper
91 100
106 26.7 24.2 36.4

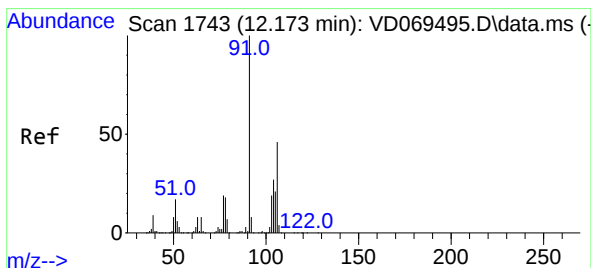
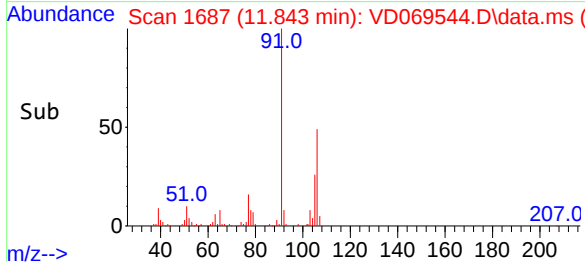
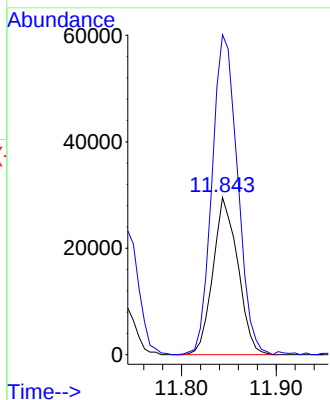
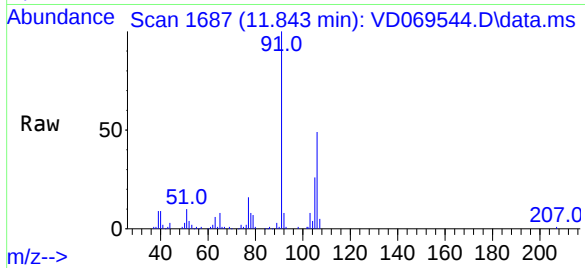




#68
m/p-Xylenes
Concen: 11.47 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

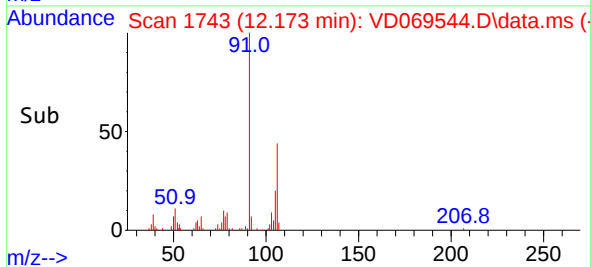
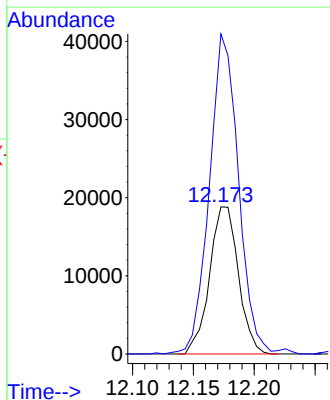
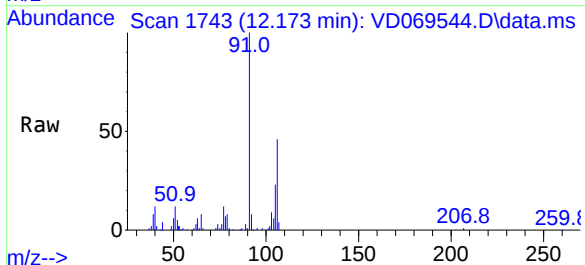
Instrument :
MSVOA_D
ClientSampleId :
293-347

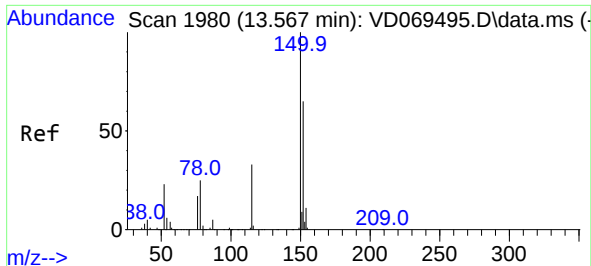
Tgt Ion:106 Resp: 53848
Ion Ratio Lower Upper
106 100
91 209.4 164.2 246.4



#69
o-Xylene
Concen: 7.37 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069544.D
Acq: 23 Jun 2021 14:49

Tgt Ion:106 Resp: 31022
Ion Ratio Lower Upper
106 100
91 220.7 107.7 323.3

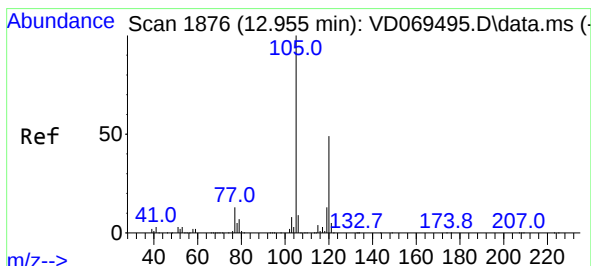
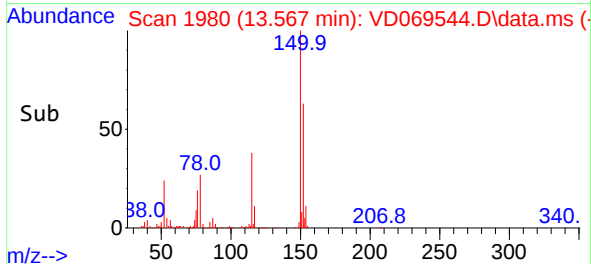
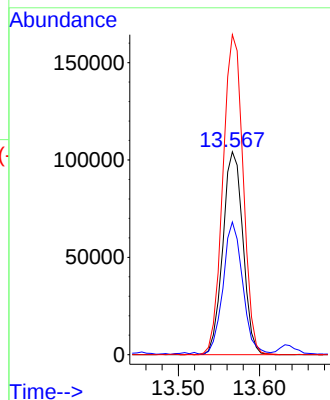
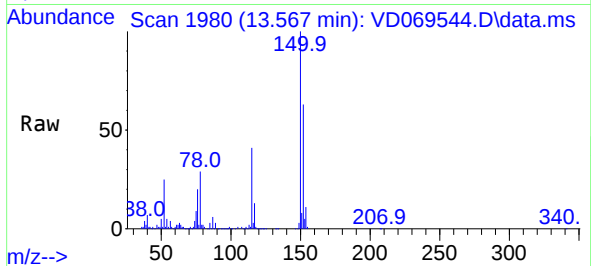




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069544.D
 Acq: 23 Jun 2021 14:49

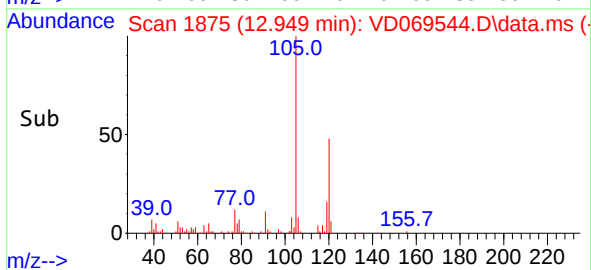
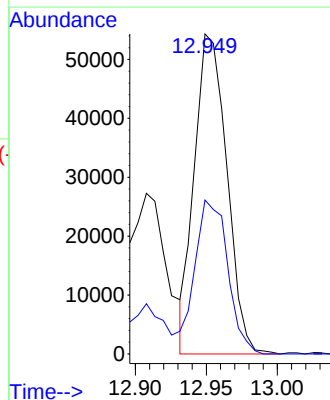
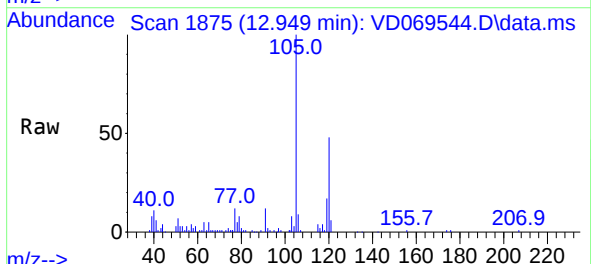
Instrument :
 MSVOA_D
 ClientSampleId :
 293-347

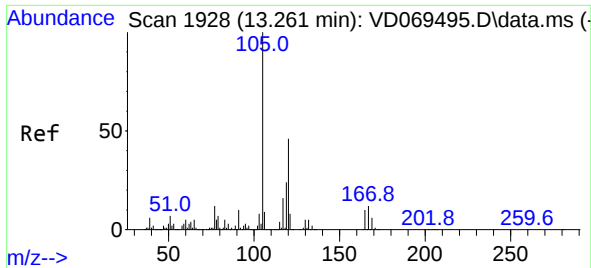
Tgt Ion:152 Resp: 178968
 Ion Ratio Lower Upper
 152 100
 115 63.4 31.7 95.1
 150 158.8 0.0 350.8



#80
 1,3,5-Trimethylbenzene
 Concen: 8.30 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VD069544.D
 Acq: 23 Jun 2021 14:49

Tgt Ion:105 Resp: 86149
 Ion Ratio Lower Upper
 105 100
 120 49.7 23.6 70.8





#84
 1,2,4-Trimethylbenzene
 Concen: 16.82 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: VD069544.D
 Acq: 23 Jun 2021 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 293-347

Tgt Ion:105 Resp: 173506
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.8

